



ONEOK
FIELD SERVICES COMPANY
A SUBSIDIARY OF ONEOK PARTNERS

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July 30, 2018

Eddie Terrill, Director
Air Quality Division
Oklahoma Department of Environmental Quality
P.O. Box 1677
Oklahoma City, OK 73101-1677

ANTELOPE HILLS GAS PLANT
PERMIT NO. 2008-401-TVR ISSUED 4/24/2009; 2008-401-TVR (M-1) ISSUED 4/23/2012; 2008-401-C (M-2) ISSUED 2/6/2015; 2013-1556-TVR2 ISSUED 11/16/2015
NSPS SUBPART KKK AND SUBPART OOOOa SEMIANNUAL REPORT

Dear Mr. Terrill:

ONEOK Field Services Company, L.L.C. (OFS) submits the attached NSPS Subpart KKK and Subpart OOOOa Semiannual Monitoring Report for Antelope Hills Gas Plant located in Roger Mills County. This report covers the period from **January 1, 2018** through **July 30, 2018**.

Please contact Maria Collard at (580) 816-4515 or me at (918) 591-5009 with any questions regarding this report.

Sincerely,

W. Parke Moore
Corporate LDAR Program Manager

Attachments: R.O. Certification
Antelope Hills Gas Plant - Semiannual LDAR Monitoring Reports

cc: Director; Air, Pesticides and Toxics Division
USEPA, Region VI
1445 Ross Avenue,
Dallas, TX 75202

CERTIFIED MAIL 7015 3010 0001 0420 1036
RETURN RECEIPT REQUESTED

M. Collard/R. Harris/J. Martin/C. Sadler/R. Cole/D. Droegemueller/R. Brown/Antelope Hills Gas Plant
Semiannual KKK/OOOOa (.pdf)
Tulsa Environmental Files – Antelope Hills (including Crawford) - OK – LDAR SAR

ONEOK Field Services Company
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

CERTIFICATION
FOR
NSPS SUBPART KKK/0000a SEMIANNUAL MONITORING REPORT
JANUARY 1, 2018 through JUNE 30, 2018

Facility Name: Antelope Hills Gas Plant
Facility Permit No.: 2013-1556-TVR2 ISSUED 11/16/2015
Facility Location: SE/4 of Sec. 30, T16N, R24W, Roger Mills County, OK

I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Name of Responsible Official (print or type): David B. Droegemueller

Title: Director - OFS Operations

Signature: David B. Droegemueller

Date: July 30, 2018

ONEOK Field Services Company, L.L.C.
Antelope Hills Gas Plant

NSPS SUBPART KKK / SUBPART 0000a

LDAR MONITORING REPORT

JANUARY 1, 2018 through JUNE 30, 2018



July 5, 2018

ONEOK
2001 South Highway 81 / PO Box 29
Medford, Oklahoma 73759-5133

Attention: Patrick Allison

Re: Semi-annual Report
Facility: Antelope Hills NGL
Reporting Period – From January/2018 to June/2018

Mr. Allison,

Dexter ATC Field Services (Dexter) is pleased to submit this NSPS KKK semi-annual report. This report complies with the requirements of:

60.636(a) and (c) (NSPS KKK)

As part of your semi-annual report, please submit the following items provided by Dexter ATC Field Services:

- 1.) **Semi-annual Equipment Leak Report** – A summary of total monitored, leaked, not repaired in 15 days, and delay of repair items for each equipment category grouped by Process Unit.
- 2.) **Delay of Repair Report** – Lists each delay of repair component for the reporting period, the explanation for why repair was delayed, and current status. *Please note, this report must be signed prior to submittal to the agency.*
- 3.) **Component-New Report** – A list of components added since the previous semi-annual report.
- 4.) **Component-RFS (Removed From Service) Report** – A list of components deleted since the previous semi-annual report.
- 5.) **Semi-annual-Details-No Detectable Emissions Report** – A list of components classified as “no detectable emission” components and associated monitoring for the report period. *Please note, this report must be signed prior to submittal to the agency.*

The following items are included in Dexter ATC Field Services report package but do not need to be submitted with the semi-annual report. These items are for facility record purposes only, and are intended for report quality checking by the client.

1. **LDAR Program Comments Summary Report** – This report is designed to be used in tandem with the Semi-annual Equipment Leak Report to allow efficient quality checks by the client.
2. **Component-Count Totals by Regulation** (With or without chemical state) – A summary of total equipment by unit, equipment category, regulation, and monitor frequency. This report is used to quality check the total components monitored on the Semi-annual Equipment Leak Report and verify the statement contained in the LDAR Program Comments Summary Report.

Please note the following reports are the responsibility of the facility to provide and submit in addition to the reports provided by Dexter Field Services, LP:

1. Times and Duration of each unit shutdown during the reporting period.
2. Notification of skip period monitoring option.

No regulatory variances were reported at your facility during this semi-annual reporting period.

We appreciate your business and the opportunity to service your leak detection program. If you have any questions or comments, please call my mobile at (713) 820-0652.

Sincerely,
Dexter ATC Field Services

Teddy Andrews
Project Manager

Oneok - Antelope Hills NGL

Semiannual Equipment Leak Report (Process Unit) 60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM
Proc Unit: NGL Skid
Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	1	0	0	0
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	N/A
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	61	0	0	60
60.487.c.2.i	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	0.00%
60.487.c.2.ii	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

Oneok - Antelope Hills NGL

Semiannual Equipment Leak Report (Process Unit) 60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM
Proc. Unit: NGL Skid
Program: NSPS KKK

Unit Downtime Summary ** see below

Citation	Unit Down Start	Unit Down Stop
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NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.
Total Leaks = Total number of leaks detected including by AVO methods.
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

** If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

DOR – Date Range – Process Unit (RPT 488)

Site: Oneok - Antelope Hills NGL
Proc Unit: ALL
Regulation: NSPS KKK
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Cat/Type	Description	Source of Leak		
Start Date	End Date	Reading	Reason for Delay	Approver	Exp Shutdown Date
DOR Memo:					

DOR Proc Unit Totals: 0

DOR – Date Range – Process Unit (RPT 488)

Site: Oneok - Antelope Hills NGL
Proc Unit: ALL
Regulation: NSPS KKK
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Regulation Totals: 0

Approval Signature:



Monitor - Details-NDE-With Type - Process Unit (RPT 497)

Site: Oneak - Antelope Hills NGL

Proc Unit: NGL Skid

Regulation: NSPS KKK

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
922201	Pump	Canned Pump	Light Liquid	Yearly (Mar)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3/8/2018 2:19:01 PM	5	500	0626	02515415	0
922202	Valve	V-Regulator	Light Liquid	Yearly (Mar)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3/8/2018 2:21:53 PM	5	500	0626	02515415	0

Monitor - Details-NDE-With Type - Process Unit (RPT 497)

Site: Oneok - Antelope Hills NGL

Proc Unit: NGL Skid

Regulation: NSPS KKK

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Proc Unit Totals: 2

Monitor - Details-NDE-With Type - Process Unit (RPT 497)

Site:	Oneak - Antelope Hills NGL												
Proc Unit:	NGL Skid												
Regulation:	NSPS KKK												
Date Range:	7/1/2017 to 6/30/2018 11:59:59 PM												
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background

Signature: 

COMPONENT – ADDED – PROCESS UNIT (RPT 481)

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site: Oneok - Antelope Hills NGL

Proc Unit: ALL

Regulation: NSPS KKK

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Description	Size	Chem	State	Frequency	Explanation	Reason Added	Install Date

COMPONENT – ADDED – PROCESS UNIT (RPT 481)

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site: Oneok - Antelope Hills NGL

Proc Unit: ALL

Regulation: NSPS KKK

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Description	Chem	Size	State	Frequency	Explanation	Reason Added	Install Date
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Prod Area Total: 0

Component – Deleted – Process Unit (RPT 482)

Components that were removed from service within specified dates – by Process Unit

Site: Oneok - Antelope Hills NGL

Proc Unit: ALL

Regulation: NSPS KKK

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip_Type	Description	Size	Chem State	Frequency	Explanation	Reason Removed	RFS Date

Component – Deleted – Process Unit (RPT 482)

Components that were removed from service within specified dates – by Process Unit

Site: Oneok - Antelope Hills NGL

Proc Unit: ALL

Regulation: NSPS KKK

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name Equip Category Equip_Type Description

Chem
Size State Frequency Explanation Reason Removed RFS Date

Proc Unit Total: 0

Monitor - Details-CVS-With Type - Process Unit (RPT 496)

Site: Onsak - Antelope Hills NGL

Proc Unit: ALL

Regulation: NSPS KKK

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background

Monitor - Details-CVS-With Type - Process Unit (RPT 496)

Site:	Oneok - Antelope Hills NGL												
Proc Unit:	ALL												
Regulation:	NSPS KKK												
Date Range:	7/1/2017 to 6/30/2018 11:59:59 PM												
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
Proc Unit Totals: 0													

Monitor - Details-CVS-With Type - Process Unit (RPT 496)

Site:	Oneok - Antelope Hills NGL												
Proc Unit:	ALL												
Regulation:	NSPS KKK												
Date Range:	7/1/2017 to 6/30/2018 11:59:59 PM												
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background

Signature: 



July 5, 2018

ONEOK
605 Loomis Road
Weatherford, OK 73096

Attention: Maria Collard

Re: Semi-annual Report
Facility: Antelope Hills
Reporting Period – From January/2018 to June/2018

Mrs. Collard,

Dexter ATC Field Services (Dexter) is pleased to submit this NSPS OOOOa semi-annual report. This report complies with the requirements of:

60.5422a(a) NSPS OOOOa

As part of your semi-annual report, please submit the following items provided by Dexter ATC Field Services:

- 1.) **Semi-annual Equipment Leak Report** – A summary of total monitored, leaked, not repaired in 15 days, and delay of repair items for each equipment category grouped by Process Unit.
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2. **Component-Count Totals by Regulation** (With or without chemical state) – A summary of total equipment by unit, equipment category, regulation, and monitor frequency. This report is used to quality check the total components monitored on the Semi-annual Equipment Leak Report and verify the statement contained in the LDAR Program Comments Summary Report.

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1. Times and Duration of each unit shutdown during the reporting period.
2. Notification of skip period monitoring option.

No regulatory variances were reported at your facility during this semi-annual reporting period.

We appreciate your business and the opportunity to service your leak detection program. If you have any questions or comments, please call my mobile at (713) 820-0652.

Sincerely,
Dexter ATC Field Services

Teddy Andrews
Project Manager

Oneok - Antelope Hills

Semiannual Equipment Leak Report (Process Unit)

Complies with 60.5422a(a)

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: CONDENSATE

Program: NSPS OOOOa

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	1	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Connector	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487a(c)(2)(vii)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487a(c)(2)(viii)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	5	0	0	5	0	0
60.5422a(c)(1)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
60.5422a(c)(2)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	1	1	1	1	1	1
60.487a(c)(2)(iii)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
60.487a(c)(2)(iv)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	108	0	0	108	0	0
60.487a(c)(2)(i)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
60.487a(c)(2)(ii)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

Oneok - Antelope Hills

Semiannual Equipment Leak Report (Process Unit)

Complies with 60.5422a(a)

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: CONDENSATE

Program: NSPS 0000a

Unit Downtime Summary ** see below

Citation	Unit Down Start	Unit Down Stop
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NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.

Total Leaks = Total number of leaks detected including by AVO methods.

Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.

Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.

Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.

New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

** If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

Oneok - Antelope Hills

Semiannual Equipment Leak Report (Process Unit)

Complies with 60.5422a(a)

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: CRAWFORD INLET/COMP

Program: NSPS 0000a

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Connector	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487a(c)(2)(vii)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487a(c)(2)(viii)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	12	0	0	12	0	0
60.5422a(c)(1)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
60.5422a(c)(2)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	4	4	4	4	4	4
60.487a(c)(2)(iii)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
60.487a(c)(2)(iv)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	501	0	0	501	0	0
60.487a(c)(2)(i)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
60.487a(c)(2)(ii)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

Oneok - Antelope Hills

Semiannual Equipment Leak Report (Process Unit)

Complies with 60.5422a(a)

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM
Proc Unit: CRAWFORD INLET/COMP
Program: NSPS OOOOa

Unit Downtime Summary ** see below

Citation	Unit Down Start	Unit Down Stop
----------	-----------------	----------------

NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.
Total Leaks = Total number of leaks detected including by AVO methods.
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

** If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

Oneok - Antelope Hills

Semiannual Equipment Leak Report (Process Unit)

Complies with 60.5422a(a)

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: UTILITY SYSTEM

Program: NSPS 0000a

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Connector	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487a(c)(2)(vii)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487a(c)(2)(viii)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	2	0	0	2	0	0
60.5422a(c)(1)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
60.5422a(c)(2)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	5	5	5	5	5	5
60.487a(c)(2)(iii)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
60.487a(c)(2)(iv)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	61	0	0	61	0	0
60.487a(c)(2)(i)	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
60.487a(c)(2)(ii)	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

Oneok - Antelope Hills

Semiannual Equipment Leak Report (Process Unit)

Complies with 60.5422a(a)

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM
Proc Unit: UTILITY SYSTEM
Program: NSPS 0000a

Unit Downtime Summary ** see below

Citation	Unit Down Start	Unit Down Stop
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NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.
Total Leaks = Total number of leaks detected including by AVO methods.
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

** If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

DOR – Date Range – Process Unit (RPT 488)

Site: Oneok - Antelope Hills
Proc Unit: ALL
Regulation: NSPS 0000a
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

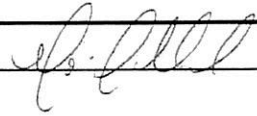
Tag Name		Equip Cat/Type		Description		Source of Leak	
Start Date	End Date	Reading	Reason for Delay			Approver	Exp Shutdown Date
DOR Memo:							

DOR ProC Unit Totals: 0

DOR – Date Range – Process Unit (RPT 488)

Site: Oneok - Antelope Hills
Proc Unit: ALL
Regulation: NSPS 0000a
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Regulation Totals: 0

Approval Signature: 

Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Antelope Hills
Proc Unit: CONDENSATE
Regulation: NSPS OOOOa
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
1019401	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/27/2017 3:55:48 PM	10	500	0464	75105861	0
10208	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/27/2017 11:39:20 AM	12	500	0517	26042939	0
5815	Compressor	Single Seal	Vapor	Yearly (Jan)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1/10/2018 2:44:45 PM	4	500	0517	26042939	0

Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site:	Oneok - Antelope Hills													
Proc Unit:	CONDENSATE													
Regulation:	NSPS OOOOa													
Date Range:	7/1/2017	to	6/30/2018 11:59:59 PM											
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background	
Proc Unit Totals: 3														

Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Antelope Hills
 Proc Unit: CRAWFORD INLET/COMP
 Regulation: NSPS OOOOa
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
102400	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/30/2017 11:19:31 AM	12	500	0517	26042939	0
5003	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/12/2017 3:28:22 PM	13	500	0517	26042939	0
5198	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/27/2017 3:32:27 PM	4	500	0609	23543772	0
5199	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/27/2017 3:34:50 PM	3	500	0609	23543772	0
5214	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/27/2017 4:07:43 PM	229	500	0609	23543772	0
5215	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/27/2017 11:04:59 AM	3	500	0602	15248069	0

Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site:	Oneok - Antelope Hills													
Proc Unit:	CRAWFORD INLET/COMP													
Regulation:	NSPS OOOOa													
Date Range:	7/1/2017	to	6/30/2018 11:59:59 PM											
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background	
Proc Unit Totals: 6														

Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Antelope Hills
Proc Unit: UTILITY SYSTEM
Regulation: NSPS OOOOa
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
029700	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/30/2017 11:00:39 AM	13	500	0464	75105861	0
029800	Valve	V-Regulator	Vapor	Yearly (Oct)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10/27/2017 1:13:36 PM	135	500	0612	15247857	0

Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site:	Oneok - Antelope Hills													
Proc Unit:	UTILITY SYSTEM													
Regulation:	NSPS OOOOa													
Date Range:	7/1/2017 to 6/30/2018 11:59:59 PM													
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background	

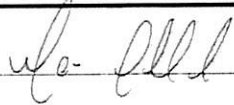
Proc Unit Totals: 2

Monitor - Details-NDE-With Type - Process Unit (RPT 497)

Site: Oneok - Antelope Hills
Proc Unit: UTILITY SYSTEM
Regulation: NSPS 0000a
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Signature: _____



COMPONENT – ADDED – PROCESS UNIT (RPT 481)

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site: Oneok - Antelope Hills
Proc Unit: ALL
Regulation: NSPS OOOOa
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

				Chem				Explanation	Reason Added	Install Date
Tag Name	Equip Category	Equip Type	Description	Size	State	Frequency				

COMPONENT – ADDED – PROCESS UNIT (RPT 481)

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site:	Oneok - Antelope Hills									
Proc Unit:	ALL									
Regulation:	NSPS 0000a									
Date Range:	1/1/2018	to		6/30/2018 11:59:59 PM						
Tag Name	Equip Category	Equip Type	Description	Size	Chem State	Frequency	Explanation	Reason Added	Install Date	

Prod Area Total: 0

Component – Deleted – Process Unit (RPT 482)

Components that were removed from service within specified dates – by Process Unit

Site: Oneok - Antelope Hills
Proc Unit: ALL
Regulation: NSPS OOOOa
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip_Type	Description	Size	Chem State	Frequency	Explanation	Reason Removed	RFS Date

Component – Deleted – Process Unit (RPT 482)

Components that were removed from service within specified dates – by Process Unit

Site: Oneok - Antelope Hills
Proc Unit: ALL
Regulation: NSPS OOOOa
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip_Type	Description	Size	Chem State	Frequency	Explanation	Reason Removed	RFS Date
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Proc Unit Total: 0

Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Antelope Hills
Proc Unit: CONDENSATE
Regulation: NSPS OOOOa
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
092300.06	Connector	Check Valve	Light Liquid	Yearly (Oct)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10/27/2017 11:59:47 AM	9	500	0464	75105861	0

Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Antelope Hills

Proc Unit: CONDENSATE

Regulation: NSPS OOOOa

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Proc Unit Totals: 1

Monitor - Details- CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Antelope Hills
Proc Unit: CONDENSATE
Regulation: NSPS OOOOa
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Signature: 